



PTO/SB/08B (04-03)
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete If Known

Application Number	10/706,027
Filing Date	November 12, 2003
First Named Inventor	JIANG, Shibo
Art Unit	
Examiner Name	
Attorney Docket Number	706-A-US

Sheet	1	of	2
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
FTP	1	Chan, D. C., C. T. Chutkowski, and P. S. Kim. 1998. Evidence that a prominent cavity in the coiled coil of HIV type 1 gp41 is an attractive drug target. Proc. Natl. Acad. Sci. U S A 95:15613-15617.	
	2	Chan, D. C., D. Fass, J. M. Berger, and P. S. Kim. 1997. Core structure of gp41 from the HIV envelope glycoprotein. Cell 89:263-273.	
	3	Debnath, A. K., L. Radigan, and S. Jiang. 1999. Structure-based identification of small molecule antiviral compounds targeted to the gp41 core structure of the human immunodeficiency virus type 1. J. Med. Chem. 42:3203-3209.	
	4	Eckert, D. M., V. N. Malashkevich, L. H. Hong, P. A. Carr, and P. S. Kim. 1999. Inhibiting HIV-1 entry: discovery of D-peptide inhibitors that target the gp41 coiled-coil pocket. Cell 99:103-115.	
	5	Ernst, J. T., O. Kutzki, A. K. Debnath, S. Jiang, H. Lu, and A. D. Hamilton. 2002. Design of a Protein Surface Antagonist Based on alpha-Helix Mimicry: Inhibition of gp41 Assembly and Viral Fusion. Angew. Chem. Int. Ed Engl. 41:278-281.	
	6	Jiang, S. and A. K. Debnath. 2000. A salt bridge between an N-terminal coiled coil of gp41 and an antiviral agent targeted to the gp41 core is important for anti-HIV-1 activity. Biochem. Biophys. Res. Commun. 270:153-157.	
	7	Jiang, S., K. Lin, and M. Lu. 1998. A conformation-specific monoclonal antibody reacting with fusion-active gp41 from the HIV-1 envelope glycoprotein. J. Virol. 72:10213-10217.	
	8	Jiang, S., K. Lin, N. Strick, and A. R. Neurath. 1993. HIV-1 inhibition by a peptide. Nature 365:113.	
	9	Jiang, S., K. Lin, L. Zhang, and A. K. Debnath. 1999. A screening assay for antiviral compounds targeted to the HIV-1 gp41 core structure using a conformation-specific monoclonal antibody. J. Virol. Methods 80:85-96.	
FTP	10	Jiang, S., Q. Zhao, and A. K. Debnath. 2002. Peptide and Non-peptide HIV Fusion Inhibitors. Curr. Pharm. Des. 8:563-580.	

Examiner Signature	/Fiona T. Powers/	Date Considered	06/29/2006
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

2

Complete if Known

Application Number

10/706,027

Filing Date

November 12, 2003

First Named Inventor

JIANG, Shibo

Art Unit

Examiner Name

Attorney Docket Number

706-A-US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
FTP	11	Lin, P. F., W. Blair, T. Wang, T. Spicer, Q. Guo, N. Zhou, Y. F. Gong, H. G. Wang, R. Rose, G. Yamanaka, B. Robinson, C. B. Li, R. Fridell, C. Deminle, G. Demers, Z. Yang, L. Zadjura, N.	
		Meanwell, and R. Colonno. 2003. A small molecule HIV-1 inhibitor that targets the HIV-1 envelope and inhibits CD4 receptor binding. Proc. Natl. Acad. Sci. U. S. A 100:11013-11018.	
	12	Liu, S., Q. Zhao, and S. Jiang. 2003. Determination of the HIV-1 gp41 postfusion conformation modeled by synthetic peptides: applicable for identification of the HIV-1 fusion inhibitors. Peptide in press.	
	13	Weissenhorn, W., A. Dessen, S. C. Harrison, J. J. Skehel, and D. C. Wiley. 1997. Atomic Structure of the Ectodomain from HIV-1 gp41. Nature 387:426-428.	
FTP	14	Zhao, Q., J. T. Ernst, A. D. Hamilton, A. K. Debnath, and S. Jiang. 2002. XTT formazan widely used to detect cell viability inhibits HIV type 1 infection in vitro by targeting gp41. AIDS Res. Hum. Retroviruses 18:989-997.	

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Signature

/Fiona T. Powers/

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06/29/2006

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Substitute for form 1448/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of 12

Complete if Known

Application Number	10/706,027
Filing Date	November 12, 2003
First Named Inventor	JIANG, Shibo
Art Unit	1614
Examiner Name	Not Yet Known
Attorney Docket Number	706-A-US

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

/Fiona T. Powers/

Date Considered

06/29/2006

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		Application Number	10/706,027
		Filing Date	November 12, 2003
		First Named Inventor	JIANG, Shibo
		Art Unit	1614
		Examiner Name	Not Yet Known
Sheet 2	of 2	Attorney Docket Number	706-A-US

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
FTP	1	PCT International Search Report for NEW YORK BLOOD CENTER, et al., Int'l Application No. PCT/US03/36359, Filed November 12, 2003, Dated July 14, 2004.	

Examiner Signature	/Fiona T. Powers/	Date Considered	06/29/2006
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